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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/824,340	04/02/2001	Andrew H. Quintero	D-428	9323

7590 08/16/2004

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EXAMINER	
NGUYEN, THANH T	

ART UNIT	PAPER NUMBER
2144	

DATE MAILED: 08/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/824,340	QUINTERO ET AL.	
	Examiner	Art Unit	
	Tammy T Nguyen	2144	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *(3)* MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *02 April 2001*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-18* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) 1-6, 12-15 is/are rejected.

7)☒ Claim(s) 7, 9, 10, 11, 16, 17, 18 is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *02 April 2001* is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

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Detailed Office Action

1. This action is in response to the application **09/824340** filed. **April 2, 2001.**

2. Claims **1-18** have been examined.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-8, 12-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Michel K, Bowman-Amuah. (USPN 6,640,249 – Date of Patent: October 28, 2003, herein referred to as "Bowman-Amuah").

5. As to claim 1, Bowman-Amuah teaches the invention as claimed, including a method of monitoring by a monitoring system a data system among a plurality of data systems connected to a user system among a plurality of user systems

all of which systems are interconnected through a network, the method comprising the steps of,

receiving search criteria from the user system (col.53, lines 1-5),

retrieving content data from the data system (col.51, lines 40-45),

repeating the retrieving step at regular intervals (col.230, lines 39-42),

determining matches for each of the retrieving steps when the content data matches the search criteria at each of the regular intervals (col.54, lines 50-65), and

reporting the matches to the user system (col.109, lines 15-20).

6. As to claim 2, Bowman-Amuah teaches the invention as claimed, wherein the content data is web content data (col.39, lines 10-12, and col.55, lines 60-65), the data systems are web servers storing the web content data (col.81, lines 50-60),

the network is the internet, the web server having a web site location identified by a uniform resource locator (URL) that indicates the web content data (col.81, lines 50-60),

the user system comprises a web browser for communication with the monitoring system over the internet, and the monitoring system is a web monitoring server for receiving the search criteria from the user browser and for accessing the web content data of the web server(col.81, lines 50-60).

7. As to claim 3, Bowman-Amuah teaches the invention as claimed, wherein the search criteria comprises a sleep interval indicating a time duration between the regular intervals (col.258, lines 40-50).

8. As to claim 4, Bowman-Amuah teaches the invention as claimed, wherein, the search criteria indicates keywords, the matches are keywords matches (col.45, lines 25-30).

9. As to claim 5, Bowman-Amuah teaches the invention as claimed, wherein the search criteria comprises keywords, and the search criteria comprises a Boolean expression, the matching step determines when the content data matches the Boolean expression or the keywords as Boolean keyword matches (col.45, lines 25-30).

10. As to claim 6, Bowman-Amuah teaches the invention as claimed, wherein content data is a character string comprising text words, the search criteria comprises a sleep interval indicating a time duration between the regular intervals, the search criteria comprises keywords, and the matches are keyword matches to the text words (col.54, lines 50-55).

11. As to claim 7, Bowman-Amuah teaches the invention as claimed, wherein content data is a character string comprising text words and formatting characters and strings of spaces, the search criteria comprises a sleep interval indicating a time duration between the regular intervals and comprises keywords, and the matches are keyword matches to the text words, the method further comprising the steps of stripping the text words from the character string, the matching step matches the keywords to the text words form keywords matches (col.54, lines 45-65).

12. As to claim 8, Bowman-Amuah teaches the invention as claimed, wherein the stripping step, the character string contain formatting characters that are removed form the character string leaving the text words (col.52, lines 50-65).

13. As to claim 12, Bowman-Amuah teaches the invention as claimed, including a method of monitoring by a monitoring server web content data of a web server system among a plurality of web servers connected to a user system among a plurality of user systems having respective user browsers, all of which are interconnected through the internet using internet protocol addresses, the web content data indicated by a URL a portion or which indicates the web server the method comprising the steps of :

receiving search criteria from the user system, the search criteria comprises keywords and comprises a crawling depth for retrieving top level content data and linked content data to the linked depth or the linked content data indicated by the crawling depth (col.45, lines 25-30),

retrieving top level content data and the linked content data from the data system, the top level content data is a character string comprising text words and formatting characters and strings of spaces, and links for linkage to linked content data, the linked content data also comprising text words and formatting characters and strings of spaces (col.51, lines 40-45),

determining matches when the top level content data matches the search criteria (col.54, lines 50-65), and

reporting the top level matches to the user system (col.109, lines 15-20).

14. As to claim 13, Bowman-Amuah teaches the invention as claimed, wherein the determining step further determines keyword matches to the linked content data (col.45, lines 25-30).

15. As to claim 14, Bowman-Amuah teaches the invention as claimed, wherein the determining step determines keyword data count of the keywords in the linked (col.45, lines 25-30).

16. As to claim 15, Bowman-Amuah teaches the invention as claimed, including a method of monitoring by a monitoring server web content data of a web server system among a plurality of web servers connected to a user system among a plurality of user systems having respective user browsers, all of which are interconnected through the internet using internet protocol addresses, the web content data indicated by a URL a portion of which indicates the web server the method comprising the steps of,

receiving search criteria from a user system, the search criteria comprising a URL to be monitored, a sleep interval, keywords and a Boolean expression (col.45, lines 25-30),

retrieving the web content data indicated by the URL from the web server (col.81, lines 50-60),

repeating the retrieving step at regular intervals indicated by the sleep interval (col.230, lines 39-42),

determining Boolean keyword matches of the web content data after the retrieving step for the Boolean expression and keywords (col.54, lines 50-65), and reporting to the user system of the Boolean keyword matches, the content

data is top level content data, the top level content data is a character string comprising text words and formatting characters and strings of spaces and links for linkage to linked content data, the linked content data also comprising text words and formatting characters and strings of spaces (col.51, lines 40-45), linked content data being at a linked depth from the top level content data for each linkage through a link to another one of the linked content data (col.39, lines 10-12, and col.55, lines 60-65).

Allowable Subject Matter

17. Claims 9, 10, 11, 16, 17, and 18 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

18. Any inquiries concerning this communication or earlier communications from the examiner should be directed to **Tammy T. Nguyen** who may be reached via telephone at **(703) 305-7982**. The examiner can normally be reached Monday through Friday between 8:00 a.m. and 6:00 p.m. eastern standard time.

If you need to send the Examiner, a facsimile transmission regarding this instant application, please send it to **(703) 872-9306**. If attempts to reach the examiner by telephone are unsuccessful, the Examiner's Supervisor, Bill Cuchlinski, may be reached at **(703) 308-3873**.

TTN
August 5, 2004

WILLIAM A. CUCHLINSKI, JR.
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